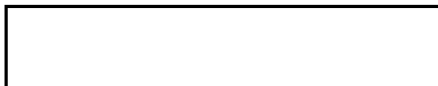


~~SECRET~~

PAG/IPO/M-84-67  
17 February 1967

MEMORANDUM FOR: Chief, Technical Intelligence Division, NPIC


ATTENTION:



25X1

SUBJECT : Effects of New Film Emulsion Orientation

1. In exploitation of film in the Photographic Analysis Group, the main criterion for positioning film is the orientation of titled data along the film format margin and the orientation of the image. Whether the emulsion is up or down on the viewing table is usually of little concern to the photointerpreter.

2. No problems are anticipated in the use of  Reversal Film as far as its use for briefing board prints are concerned. We will be interested particularly in the quality of reproduction when the new film is to be used for film chips or density cuts. Evaluation of the duplicate positives produced from the reversal negative will have to be made prior to any conclusion from PAG concerning their acceptability.

25X1



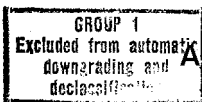
25X1

Assistant for Photographic Analysis, NPIC

Distribution:

Orig & 1 - Addressee  
1 - PAG/NPIC  
1 - IPO/PAG/NPIC

Declass Review by NIMA / DoD



~~SECRET~~

SECRET

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Assistant for Photographic Analysis, NPIC

Distribution:

Orig & 1 - Addressee  
1 - PAG/NPIC  
1 - IPO/PAG/NPIC

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

SECRET

25X1

25X1

## AERO DIRECT DUPLICATING FILM

25X1

1. Utilizes a 4 mil. [redacted] Base 25X1
2. Has a blue sensitivity [redacted]
3. Grain (consistency) 6 to 8 [redacted]  
or about 7.9 to 9.9 (the lower the number is best) 25X1

4. Total package is about 4.5 mils thick.

5. Resolution is equal to or better [redacted] (mostly better than)

6. Slower in film speed (ASA) than [redacted] 25X1

7. The gamma is 0.2 less than [redacted] 25X1  
Dmin 0.12 to 0.15 0.05 to 0.07

Dmax is comparable 25X1

8. Tone rendition of [redacted] is closer to that of Oneg than the DW medium [redacted] (more comparable H&Ds)

9. [redacted] a direct reversal product which requires conventional processing (Dev/stop/4000).

25X1

NPIC PROJECT NO.

SECRET  
CLASSIFICATION

(CONFIDENTIAL WHEN NOT FILLED IN)

TID  
RESPONSIBLE COMPONENT

13 JAN

DISSEMINATED RB/OS

RECEIPT RB/OS

SUPPORT/SERVICE REQUIREMENT

(The following info is required when rqmts are levied by external organizations)

25X1

OFFICE DDS&T DATE OF RQMT 13 January 1967 CONTROL NO. IN 1518NPIC DIV/DETACH PROCESSING RQMT TID PROJ OFF SUPPORT REQUESTED OF SIEB, PAG, ~~THE~~ PSD PRIORITY 2 DATE REQUIRED 21 Feb. 1967

(The following info is required when rqmts are levied for internal support)

DIV/STAFF  DATE OF RQMT  CONTROL NO. SUPPORT REQUESTED OF  PROJ OFF  PHONE PRIORITY  DATE REQUIRED 

## 1. BACKGROUND INFORMATION:

The work requested is in support of a National :  Photo interpretation proj.;  
☒ Non-photo interpretation project. It will result in:  Hard copy report;  
☒ Informal report (memo);  Basic service only.

Project Description: Support cable IN 1518 as required!(Evaluation of film type )

25X1

## 2. SPECIFIC SUPPORT/SERVICE REQUESTED: Support from NPIC will probably consist of:

☒ Photographic;  Reproduction;  Mensuration;  Graphics;  ADP;  Editing;  
☒ Other (explain below) -- (Include statement as to estimated amount of work required of support component(s); i.e., number of contact prints, enlargements, boards, etc.)

Photo Lab support on call!

PI support on call!

## 3. URGENCY JUSTIFICATION: (If immediate support is required a statement of justification must be made on this form.)

DATE OF COMPLETION SECRET  
CLASSIFICATION

(CONFIDENTIAL WHEN NOT FILLED IN)

NPIC FM 218 (Revised 5-65)